# Author Index


Aarts-Riemens, M.I., 531
Abate, M.L., 39
Abe, T., 318, 540
Abken, H., 557
Ahuja, H.G., 143
Akkerman, J.W.N., 531
Aledort, L.M., 238
Alexandre, C., 469, 484
Alter, B.P., 307
Aly, A.M., 238
Amar, J., 94
Araguás, C., 250
Archimbaud, E., 312
Arnaiz, M.D., 305
Arosio, P., 427
Ashkenazi, J., 436
Atkinson, K., 128
Avanzi, G., 39, 203

Bagg, A., 441
Baldet, P., 469, 484
Bar-Eli, M., 143
Barlow, J.H., 135
Barnes, J., 359
Barnett, D., 314
Barr, J., 295
Barrett, A.J., 161, 168
Barrowcliffe, T.W., 80
Bartlett, A.N., 295, 301
Basso, G., 39
Bataille, R., 469, 484
Batchelor, J.R., 401
Bateman, C.J.T., 151
Beesley, J.E., 333
Beguin, Y., 545
Beldjord, C., 440
Bell, J.B.G., 476
Bellingham, A.J., 210
Bengtsson, C., 121
Bennani, C., 440
Bernini, L.F., 269
Bessler, M., 318
Bevan, P.C., 151
Bevan, S.A., 80
Bezwoda, W.R., 441
Biggs, J.C., 128
Bignell, P., 242
Bishop, A.J., 438
Blackburn, E.K., 563
Bloom, A.L., 242, 320
Boivin, P., 406
Boneu, B., 94
Boogaerts, M.A., 150
Borghuis, L., 531
Boughton, B., 315
Boultwood, J., 310
Bowell, P., 537
Bowen, D.J., 242
Bowen, D.T., 194
Bowen, G., 488
Boyle, M.J., 506
Bradbury, D., 488
Bradley, B.A., 1
Brady, H.J.M., 135
Brand, A., 180
Brito-Babapulle, F., 210
Brizzi, M.F., 21, 203
Buckle, V.J., 310
Bueno, J., 250
Bungart, B., 174
Burke, P.J., 340
Butterworth, P.H.W., 135

Cahill, R., 146
Callis, M., 305
Caranobe, C., 94
Carbone, A., 444
Carrier, M.J., 333
Cattan, A.R., 494
Cavill, I., 320
Cazzola, M., 427
Cervantes, F., 27
Challis, D.R., 555
Chan, J.C.N., 434
Chan, L.C., 33
Chappard, D., 469, 484
Chiba, S., 260
Chitnavis, V.N., 433
Chowdhury, V., 153
Civin, C.I., 340
Clark, S.C., 21, 203
Clarke, E., 561
Cline, M.J., 143
Cockram, C.S., 434
Čolović, M.D., 560
Commes, T., 469
Comoglio, P.M., 39
Concannon, A., 128
Cooper, D.A., 506
Cooper, I., 231
Cottler-Fox, M., 146
Crawford, N., 256, 442
Crook, M., 256, 442
Cumber, P.M., 226
Cynshi, O., 414

De Blasio, A., 365
Deeg, H.J., 146
De Fazio, P., 427
De Laurenzi, A., 365
Deliliers, G.L., 323
De Rosa, L., 365
Dessauw, P., 484
De Wolf-Peeters, C., 150
Dhermy, D., 406
Dieˈıı, V., 174
Dodds, A., 128
Dodé, C., 275
Domenech, P., 250, 305
Domingo, A., 305
Donhuijsen-Ant, R., 557
Dontje, B., 174
Downs, K., 128
Duinkerken, N., 180
Durie, B.G.M., 155

Eden, O.B., 359
Edwards, M., 135
Ellis, G., 318
Enokihara, H., 12, 168
Etches, A., 210
Eto, S., 260

Falini, B., 451, 460
Falkenburg, J.H.F., 180
Fehr, J., 318
Fernandez-Rañada, J.M., 157
Fernandez-Villalta, M.J., 157
Fibbe, W.E., 180
Fillet, G., 545
Firkin, B.G., 380
Fisher, J., 226
Fitchett, M., 348, 352
Flenghi, L., 451, 460
Flores, A., 250
Foa, R., 39
Fodde, R., 269
Forbes, C.D., 70, 160
Foster, S., 494
Foti, A., 143
Fowlkes, D.M., 75
Franks, C.R., 180
Furubayashi, T., 395
Furusawa, S., 12

Garson, M., 312
Garson, O.M., 231
Garbarz, M., 406
Gattei, V., 444
Gatter, K.C., 58
Gaucher, C., 372
Gautero, H., 406
Geary, C.G., 321, 564
Geddes, A.D., 194
Geller, R.B., 340
Gerli, R., 460
Giordano, P.C., 269
Gladwin, A.M., 333
Goddard, J.G., 295
Goldman, J.M., 401
Gomez-Reino, F., 157
Gooding, R., 476
Gordon, A.A., 168
Gordon, M.Y., 564
Gordon, V., 441
Goris, H., 174
Goudemand, M., 372
Gracie, J.A., 70
Graham, J.B., 75
Granger, V., 314
Greaves, M., 101
Greenberg, C.R., 438
Guardia, R., 250
Guerrasio, A., 39
Guy, H., 156

Hall, A., 494
Hamaguchi, H., 12
Hamblin, T.J., 348, 352
Hancock, V., 333
Hann, I.M., 359
Harada, M., 501
Hardisty, R.M., 387
Harteveld, C.L., 269
Henderson, E.S., 306
Henschler, R., 7
Hernandez, A., 33
Herrmann, F., 7
Hershko, C., 436
Higuchi, M., 414
Hill, F.G.H., 88
Himoe, E., 146
Hirashima, K., 414
Hirt, A., 550
Ho, F.C.S., 65
Ho, S.K.S., 434
Hocking, B., 312
Hoffbrand, A.V., 159, 295, 301, 318, 550
Holland, B.M., 288
Honda, S., 395
Horny, H.-P., 186
Hotta, T., 554
Hourdillé, P., 521
Howard, M.A., 380
Hows, J.M., 1, 401
Hoy, T., 226
Hoyer, L.W., 238
Hudson, I.R.B., 288
Hughes, T., 33
Hundert, M., 148
Hurwitz, C.A., 340
Huxtable, A., 210

Ichikawa, A., 554
Ikkala, E., 369
Imai, N., 414
Imamura, N., 157, 444
Inoue, C., 554
Invernizzi, R., 427
Ireland, R.M., 128
Ironside, P., 231
Ishikawa, F., 221
Islam, A., 306

Jacobs, A., 194, 226
Jandrot-Perrus, M., 521
Janković, G.M., 560
Janbon, C., 469
Jauchem, J.R., 312
Joffe, J.K., 476
Jones, J.G., 288
Jorieux, S., 372
Jourdan, J., 469
Juliá, A., 250
Juneja, S., 231

Kaiserling, E., 186
Kajitani, H., 168
Kaminski, E.R., 401
Karp, J.E., 340
Katoh, S., 501
Kawakami, Z., 313
Kelly, S., 310
Kemball-Cook, G., 80
Kendra, J.R., 433
Kikuchi, M., 260
Kitchen, S., 101
Knieriem, H.-J., 557
Knott, L., 135
Kobayashi, Y., 221
Kochen, J., 307
Kontoghiorghes, G.J., 295, 301, 550
Kozlowski, R., 488
Krishnamoorthy, R., 275, 460
Krushwitz, M., 451
Küpper, J., 557
Kuramoto, A., 444
Kurata, Y., 395
Kunkel, G.R., 75

Labie, D., 440
Lacaze, D., 521

# Author Index


Aarts-Riemens, M.I., 531
Abate, M.L., 39
Abe, T., 318, 540
Abken, H., 557
Ahuja, H.G., 143
Akkerman, J.W.N., 531
Aledort, L.M., 238
Alexandre, C., 469, 484
Alter, B.P., 307
Aly, A.M., 238
Amar, J., 94
Araguás, C., 250
Archimbaud, E., 312
Arnaiz, M.D., 305
Arosio, P., 427
Ashkenazi, J., 436
Atkinson, K., 128
Avanzi, G., 39, 203

Bagg, A., 441
Baldet, P., 469, 484
Bar-Eli, M., 143
Barlow, J.H., 135
Barnes, J., 359
Barnett, D., 314
Barr, J., 295
Barrett, A.J., 161, 168
Barrowcliffe, T.W., 80
Bartlett, A.N., 295, 301
Basso, G., 39
Bataille, R., 469, 484
Batchelor, J.R., 401
Bateman, C.J.T., 151
Beesley, J.E., 333
Beguin, Y., 545
Beldjord, C., 440
Bell, J.B.G., 476
Bellingham, A.J., 210
Bengtsson, C., 121
Bennani, C., 440
Bernini, L.F., 269
Bessler, M., 318
Bevan, P.C., 151
Bevan, S.A., 80
Bezwoda, W.R., 441
Biggs, J.C., 128
Bignell, P., 242
Bishop, A.J., 438
Blackburn, E.K., 563
Bloom, A.L., 242, 320
Boivin, P., 406
Boneu, B., 94
Boogaerts, M.A., 150
Borghuis, L., 531
Boughton, B., 315
Boultwood, J., 310
Bowell, P., 537
Bowen, D.J., 242
Bowen, D.T., 194
Bowen, G., 488
Boyle, M.J., 506
Bradbury, D., 488
Bradley, B.A., 1
Brady, H.J.M., 135
Brand, A., 180
Brito-Babapulle, F., 210
Brizzi, M.F., 21, 203
Buckle, V.J., 310
Bueno, J., 250
Bungart, B., 174
Burke, P.J., 340
Butterworth, P.H.W., 135

Cahill, R., 146
Callis, M., 305
Caranobe, C., 94
Carbone, A., 444
Carrier, M.J., 333
Cattan, A.R., 494
Cavill, I., 320
Cazzola, M., 427
Cervantes, F., 27
Challis, D.R., 555
Chan, J.C.N., 434
Chan, L.C., 33
Chappard, D., 469, 484
Chiba, S., 260
Chitnavis, V.N., 433
Chowdhury, V., 153
Civin, C.I., 340
Clark, S.C., 21, 203
Clarke, E., 561
Cline, M.J., 143
Cockram, C.S., 434
Čolović, M.D., 560
Commes, T., 469
Comoglio, P.M., 39
Concannon, A., 128
Cooper, D.A., 506
Cooper, I., 231
Cottler-Fox, M., 146
Crawford, N., 256, 442
Crook, M., 256, 442
Cumber, P.M., 226
Cynshi, O., 414

De Blasio, A., 365
Deeg, H.J., 146
De Fazio, P., 427
De Laurenzi, A., 365
Deliliers, G.L., 323
De Rosa, L., 365
Dessauw, P., 484
De Wolf-Peeters, C., 150
Dhermy, D., 406
Dieˈıı, V., 174
Dodds, A., 128
Dodé, C., 275
Domenech, P., 250, 305
Domingo, A., 305
Donhuijsen-Ant, R., 557
Dontje, B., 174
Downs, K., 128
Duinkerken, N., 180
Durie, B.G.M., 155

Eden, O.B., 359
Edwards, M., 135
Ellis, G., 318
Enokihara, H., 12, 168
Etches, A., 210
Eto, S., 260

Falini, B., 451, 460
Falkenburg, J.H.F., 180
Fehr, J., 318
Fernandez-Rañada, J.M., 157
Fernandez-Villalta, M.J., 157
Fibbe, W.E., 180
Fillet, G., 545
Firkin, B.G., 380
Fisher, J., 226
Fitchett, M., 348, 352
Flenghi, L., 451, 460
Flores, A., 250
Foa, R., 39
Fodde, R., 269
Forbes, C.D., 70, 160
Foster, S., 494
Foti, A., 143
Fowlkes, D.M., 75
Franks, C.R., 180
Furubayashi, T., 395
Furusawa, S., 12

Garson, M., 312
Garson, O.M., 231
Garbarz, M., 406
Gattei, V., 444
Gatter, K.C., 58
Gaucher, C., 372
Gautero, H., 406
Geary, C.G., 321, 564
Geddes, A.D., 194
Geller, R.B., 340
Gerli, R., 460
Giordano, P.C., 269
Gladwin, A.M., 333
Goddard, J.G., 295
Goldman, J.M., 401
Gomez-Reino, F., 157
Gooding, R., 476
Gordon, A.A., 168
Gordon, M.Y., 564
Gordon, V., 441
Goris, H., 174
Goudemand, M., 372
Gracie, J.A., 70
Graham, J.B., 75
Granger, V., 314
Greaves, M., 101
Greenberg, C.R., 438
Guardia, R., 250
Guerrasio, A., 39
Guy, H., 156

Hall, A., 494
Hamaguchi, H., 12
Hamblin, T.J., 348, 352
Hancock, V., 333
Hann, I.M., 359
Harada, M., 501
Hardisty, R.M., 387
Harteveld, C.L., 269
Henderson, E.S., 306
Henschler, R., 7
Hernandez, A., 33
Herrmann, F., 7
Hershko, C., 436
Higuchi, M., 414
Hill, F.G.H., 88
Himoe, E., 146
Hirashima, K., 414
Hirt, A., 550
Ho, F.C.S., 65
Ho, S.K.S., 434
Hocking, B., 312
Hoffbrand, A.V., 159, 295, 301, 318, 550
Holland, B.M., 288
Honda, S., 395
Horny, H.-P., 186
Hotta, T., 554
Hourdillé, P., 521
Howard, M.A., 380
Hows, J.M., 1, 401
Hoy, T., 226
Hoyer, L.W., 238
Hudson, I.R.B., 288
Hughes, T., 33
Hundert, M., 148
Hurwitz, C.A., 340
Huxtable, A., 210

Ichikawa, A., 554
Ikkala, E., 369
Imai, N., 414
Imamura, N., 157, 444
Inoue, C., 554
Invernizzi, R., 427
Ireland, R.M., 128
Ironside, P., 231
Ishikawa, F., 221
Islam, A., 306

Jacobs, A., 194, 226
Jandrot-Perrus, M., 521
Janković, G.M., 560
Janbon, C., 469
Jauchem, J.R., 312
Joffe, J.K., 476
Jones, J.G., 288
Jorieux, S., 372
Jourdan, J., 469
Juliá, A., 250
Juneja, S., 231

Kaiserling, E., 186
Kajitani, H., 168
Kaminski, E.R., 401
Karp, J.E., 340
Katoh, S., 501
Kawakami, Z., 313
Kelly, S., 310
Kemball-Cook, G., 80
Kendra, J.R., 433
Kikuchi, M., 260
Kitchen, S., 101
Knieriem, H.-J., 557
Knott, L., 135
Kobayashi, Y., 221
Kochen, J., 307
Kontoghiorghes, G.J., 295, 301, 550
Kozlowski, R., 488
Krishnamoorthy, R., 275, 460
Krushwitz, M., 451
Küpper, J., 557
Kuramoto, A., 444
Kurata, Y., 395
Kunkel, G.R., 75

Labie, D., 440
Lacaze, D., 521

Lambert, R., 352
Laplante, J., 469
Latagliata, R., 154
Lauria, F., 460
Layton, D.M., 210
Lecomte, M.C., 406
Lee, T.D., 238
Leibowitz, D., 307
Lelchuk, R., 333
Lelie, J. v.D., 155
Liberati, M., 460
Linch, D.C., 135
Lindemann, A., 7
Lipscei, G., 545
Lista, P., 21
Lo, S.C.L., 380
LoCoco, F., 39
Loeffler, M., 174
Loke, S.L., 65
Lomas, C., 537
Lopez, J., 157
Lord, S.T., 75
Lorimer, S., 438
Losekoot, M., 269
Lottenbach, A.M., 550
Lowe, G.D.O., 70
Lowenthal, R.M., 555
Lozano, M., 521
Lübbert, M., 7
Lukeis, R., 231
Luksch, R., 323

Mabin, D.C., 153
Macdonald, D., 168
Macey, M.G., 513
Machin, S.J., 256
Madden, J., 310
Madhok, R., 70
Makar, Y.F., 433
Majumdar, G., 441
Malia, R.G., 101
Manara, G., 323
Mangi, M., 210
Marcelli, C., 469, 484
Martelli, M.F., 460
Martiat, P., 33, 158
Martin, J.F., 333
Martinelli, E., 154
Mantovani, L., 7
Marsh, J.H., 148
Marsh, N., 163
Masaoka, T., 501
Mason, D.Y., 58
Maynadie, M., 156
Mayne, K., 537
Mazurier, C., 372
Mazzone, A., 215
McCann, S.R., 561
McElwain, T.J., 476
Mendelow, B.V., 441
Merry, C.C., 438
Mertelsmann, R., 7
Mertens, M., 155
Millar, B.C., 476
Millar, J.L., 476
Miller, B., 557
Minelli, O., 460
Misago, M., 260
Mitani, K., 221
Miura, Y., 221
Miyazono, K., 221
Mizutani, H., 395
Montes Borinaga, A., 476
Montserrat, E., 27
Montuoro, A., 365
Morgan, G.J., 33
Morgenstern, G.R., 558
Mortimer, P.P., 149
Motoyoshi, K., 501
Mufti, G.J., 210
Mugneret, F., 156
Muncunill, J., 305
Murphy, M.F., 321

Nash, G.B., 282
Neumann-Haefelin, D., 557
Newland, A.C., 513
Nijhof, W., 174
Ninomiya, H., 318, 540
Nishiura, T., 395
Nortey, P., 295
Noyes, S., 306
Nurden, A.T., 521

O'Brien, D., 315
Oda, S., 260
Ogawa, R., 260
Ohno, R., 501
Okamoto, M., 414
Oldmeadow, M.J., 380
Olona, M., 250
Oris, R., 545
Osanto, S., 180
Oscier, D.G., 310, 348, 352
Oster, W., 7

Pacilli, L., 365
Padua, R.A., 226
Parkin, J.D., 231
Parmar, J., 282
Parquet-Gernez, A., 372
Parravicini, C., 323
Pasi, K.J., 88
Pasotti, D., 215
Pasvol, G., 320
Patou, G., 433
Peake, I., 160
Peake, I.R., 242
Pegoraro, L., 21, 203
Penny, R., 506
Petit, J., 250
Petrović, M.D., 560
Petti, M.C., 154
Petti, N., 365
Pezzella, F., 58
Piantadosi, S., 340
Pickering, R.M., 348, 352
Pico, M., 521
Pileri, S., 451, 460
Pinkerton, C.R., 359
Pinto, A., 444
Pippard, M.J., 159
Pittaluga, S., 65
Poggi, S., 460
Ponzetto, C., 39
Powling, M.J., 387
Preston, F.E., 101
Proctor, S.J., 494
Pullon, H., 210

Quirici, N., 323

Rack, K., 310
Raffeld, M., 65
Raguram, C.P., 558
Ralfkiaer, E., 58
Rasi, V., 369
Reid, M.E., 282
Reilly, I.A.G., 488
Reilly, J.T., 314
Resegotti, L., 21
Ricevuti, G., 215
Riches, P., 476
Ridolfi-Lüthy, A., 550
Roberts, J., 506
Rochette, J., 275
Rodeghiero, F., 317
Rogers, S., 488, 558
Rooney, K.F., 555
Rosell, J., 27
Rosselló, J., 250
Rossi, J.-F., 469, 484
Rossi, M., 21
Rosso, C., 39
Rosti, V., 427
Rozman, C., 27
Rozman, M., 27
Ruck, M., 186
Ruggeri, G., 427
Russell, N.H., 488
Russell-Jones, D.L., 151

Saglio, G., 39
Saito, H., 554
Saito, K., 12
Sakuma, A., 501
Salem, H.H., 380
Sany, J., 484
Sato, T., 260
Sato, Y., 221
Savage, M.W., 558
Scarfe, J.H., 558
Schaafsma, M.R., 180
Schiro, R., 323
Schulman, P., 148
Sebillon, P., 440
Sheppard, L., 295
Shibata, H., 501
Shibata, Y., 395
Shimonaka, Y., 414
Shishido, H., 12
Sibley, C., 537
Sie, P., 94
Simpson, R.D., 151
Singh, A.K., 441
Smith, J., 70
Soligo, D., 323
Sonderegger, T., 550
Sonnenblick, M., 436
Spadea, A., 154
Spinozzi, F., 451
Spitzer, T.R., 146
Srivastava, G., 65
Standen, G.R., 242
Stein, H., 451, 460
Stevens, J., 348, 352
Suzuki, H., 414
Swanson, C.E., 506
Szelag, G., 231

Takaku, F., 221, 501
Takano, N., 12
Take, H., 395
Tan, L., 231
Tarui, S., 395
Tassinari, A., 39
Thomas, L., 155
Thomas, S.M., 151
Thompson, I.L., 506
Thorpe, S.J., 116
Thoumsin, H., 545
Tippett, P., 537
Töndury, P., 550
Togashi, M., 414
Tojo, A., 221
Tomiyama, J., 318, 540
Tomiyama, Y., 395
Tosetto, A., 317
Tosswill, J.H.C., 149
Tsubakio, T., 395
Tsukada, J., 260
Tsuruo, T., 226
Turc-Carel, C., 156
Turner, J.J., 506

Urabe, A., 221
Urbano-Ispizua, A., 27

van der Harst, D., 180
van Heeren, H., 269
van Marwijk Kooy, M., 531
van Prooijen, H.C., 531
Veglia, F., 203
Verhoef, G.E.G., 150
Veys, P.A., 318
Villá, S., 305

Wagner, H.P., 550
Wahlstedt, V., 420
Wainscoat, J.S., 310
Wardrop, C.A.J., 288
Warkentin, T.E., 387
Weber, J.N., 149
Wehrmann, M., 186
Weinberg, R.S., 307
Weinblatt, M.E., 307
Weir, D.G., 449
Westerhausen, M., 557
White, J.G., 108
Whittaker, J.A., 226
Wide, L., 121
Wiedemann, L.M., 33
Wiley, J.S., 555
Wilkes, S., 318
Willemze, R., 180
Williams, G., 438
Woods, G.M., 555
Woodward, T., 537
Worwood, M., 159
Wyld, P.J., 149

Yonezawa, T., 395

Zaccaria, A., 39
Zachee, P., 150
Zagonel, V., 444
Zahurak, M., 340
Zhu, S.Q., 434

# Subject Index


Anaemia, aplastic, syngeneic bone marrow transplantation for (CLARKE & MCCANN), 561

Anaemia, a variant congenital dyserythropoietic, presenting as a fatal hydrops foetalis (WILLIAMS *et al*), 438

Anaemia, haemolytic, in mice, effects of recombinant human erythropoietin on (CYNSHI *et al*), 414

Anaemia, pernicious, patients, urinary autoantibodies against intrinsic factor in (WAHLSTEDT), 420

Anaemia, severe aplastic, long-term stable mixed chimaerism following allogeneic marrow transplantation for (SPITZER *et al*), 146

Anaemia, severe aplastic, pretransfused patients with, exhibit high numbers of cytotoxic T lymphocyte precursors probably directed at non-HLA antigens (KAMINSKI *et al*), 401

Aplasia, B19 parvovirus induced red cell, complicating acute cold antibody mediated haemolytic anaemia (CHITNAVIS *et al*), 433

Ara-C and IL-3 combined treatment, different sensitivity of normal and leukaemic progenitor cells to (LISTA *et al*), 21

Bak$^a$, the platelet-specific alloantigen, demonstration of the heterogeneity of epitopes of (TAKE *et al*), 395

B-cell malignancies other than multiple myeloma, micro-osteoclast resorption as a characteristic feature of (ROSSI *et al*), 469

Bernard-Soulier syndrome, studies of the megakaryocytes of a patient with (HOURDILLÉ *et al*), 521

Book reviews

*ABC of Transfusion*, 321

*Aplastic Anaemia and Other Bone Marrow Failure Syndromes*, 321

*Atlas of Bone Marrow Pathology*, 564

*Automation and New Technology in the Clinical Laboratory*, 320

*Clinical Haematology: International Practice and Research*, 160

*Erythropoietin*, 159

*Factor VIII–von Willebrand Factor*, Vol. II, 320

*Growth Factors, Differentiation Factors and Cytokines*, 161

*Handbook of the Hemopoietic Microenvironment*, 564

*Hematology: A Pathophysiological Approach*, 159

*Iron in Immunity, Cancer and Inflammation*, 159

*Malaria and the Red Cell: 2*, 320

*The Megaloblastic Anaemias*, 3rd edn, 449

*The Molecular Biology of Coagulation*, 160

Carbonic anhydrase I gene, human, expression of, is activated late in fetal erythroid development and regulated by stage-specific *trans*-acting factors (BRADY *et al*), 135

CD4 and CD8 subpopulation changes during high dose intravenous immunoglobulin treatment (MACEY & NEWLAND), 513

Colony stimulating factor, recombinant human, differential effects on stem cells in marrow, spleen and peripheral blood in mice (BUNGART *et al*), 174

Cyclosporine, control of steroid-resistant autoimmune haemolytic anaemia by (HERSHKO *et al*), 436

Erythropoietin changes, serum, in autologous and allogeneic bone marrow transplant patients (IRELAND *et al*), 128

Erythropoietin, human serum, molecular charge heterogeneity of (WIDE & BENGTSSON), 121

Erythropoietin, serum immunoreactive, during pregnancy and in the early postpartum (BEGUIN *et al*), 545

Essential thrombocytothaemia, basal and induced prothombinase expression in platelets from patients with (CROOK *et al*), 256

Factor VIII antibodies, histocompatibility antigen patterns in haemophilic patients with (ALY *et al*), 238

Factor VIII concentrates, *in vitro* and *in vivo* inhibition of monocyte phagocytic function by: correlation with concentrate purity (PASI & HILL), 88

Factor VIII heavy chain polypeptides in plasma and concentrates (KEMBALL-COOK *et al*), 80

Factor VIII, the utility of a HindIII polymorphism of, examined by rapid DNA analysis (GRAHAM *et al*), 75

Factor XIII subunit B deficiency (RODEGHIERO & TOSETTO), 317

Ferritin in human bone marrow and peripheral blood cells, immunocytochemical detection of, using monoclonal antibodies specific for the H and L subunit (INVERNIZZI *et al*), 427

Fibrinogen binding sites, irradiation of platelets with UV-B light exposes, via an intracellular mechanism (VAN MARWIJK KOOY *et al*), 531

Fibrinogen binding to platelets in whole blood, measurement by flow cytometry: a micromethod for the detection of platelet activation (WARKENTIN *et al*), 387

Globin mutations, human $\alpha$, locus assignment of, by selective amplification and direct sequencing (DODÉ *et al*), 275

Glycophorins C and D, effects of deficiencies of, on the physical properties of the red cell (NASH *et al*), 282

Haemophiliacs with factor VIII inhibitors in Finland: prevalence, incidence and outcome (RASI & IKKALA), 369

Hairy cell leukaemia patients, interferon-treated, selection of a panel of monoclonal antibodies for monitoring residual disease in peripheral blood and bone marrow of (FALINI *et al*), 460

Heparin, does it stimulate fibrinolysis? (MARSH), 163

Heparins, antithrombotic potencies of, in relation to their antifactor Xa and antithrombin activities: an experimental study in two models of thrombosis in the rabbit (AMAR *et al*), 94

Hepatitis, aggressive, in a patient with acute myeloid leukaemia during complete remission and detection of Epstein-Barr virus DNA in a liver biopsy (DONHUIJSEN-ANT *et al*), 557

HTLV-I, sporadic, associated adult T-cell leukaemia (ATL) in the U.K. (WYLD *et al*), 149

Hypoglycaemia and Hodgkin's disease (CHAN *et al*), 434

Hypoglycaemia as the presenting feature of invasive plasmacytoma with a paraprotein band and grossly elevated insulin levels, the first reported case of (RUSSELL-JONES *et al*), 151

Idiopathic thrombocytopenic purpura, chronic, lack of useful clinical predictors of response to splenectomy in patients with (JULIÁ *et al*), 250

Integrins in human bone marrow, expression of (SOLIGO *et al*), 323

Interleukin-1 is one factor which regulates autocrine production of GM-CSF by the blast cells of acute myeloblastic leukaemia (BRADBURY *et al*), 488

Interleukin 2, capacity to produce, is impaired in haemophilia in the absence and presence of HIV 1 infection (MADHOK *et al*), 70

Interleukin-2, high dose, in cancer patients, increased numbers of circulating haematopoietic progenitor cells after treatment with (SCHAAFSMA *et al*), 180

Interleukin-2 receptors, high and low affinity, on human leukaemic blast cells (O'BRIEN & BOUGHTON), 315

Interleukin-2 treatment-associated eosinophilia is mediated by interleukin-5 production (MACDONALD *et al*), 168
Interleukin-3 and GM-CSF receptors in human growth factor dependent leukaemic cells, expression and modulation of (BRIZZI *et al*), 203
Interleukin-4 regulates mRNA accumulation of macrophage-colony stimulating factor by fibroblasts: synergism with interleukin-$\beta$ (HENSCHLER *et al*), 7
Interleukin-6 is a cofactor for the growth of myeloid cells from human bone marrow aspirates but does not affect the clonogenecity of myeloma cells *in vitro* (MONTES BORINAGA *et al*), 476
Iron chelator, oral, 1,2-dimethyl-3-hydroxypyrid-4-one ($L_1$), long-term trial with. I. Iron chelation and metabolic studies (KONTOGHIORGHES *et al*), 295; II. Clinical observations (BARTLETT *et al*), 301

Kimura's disease, constitutive gene expression of interleukin-5 in (INOUE *et al*), 554

L1 (1,2-dimethyl-3-hydroxypyrid-4-one) for oral iron chelation in patients with beta-thalassaemia major (TÖNDURY *et al*), 550
Lennert's lymphoma: response to 2'-deoxycoformycin (LOWENTHAL *et al*), 555
Leukaemia, acute and chronic, expression of the p75 interleukin-2 receptor ($\beta$ subunit) in (BARNETT *et al*), 314
Leukaemia, acute, in adults, long-term survival of (COLOVIĆ *et al*), 560
Leukaemia, acute lymphoid and myeloid, type II oestrogen binding sites in (BLACKBURN), 563
Leukaemia, acute myeloblastic, use of leucocyte-poor blood components in, does not affect disease-free survival in first complete remission (LOPEZ *et al*), 157
Leukaemia, acute myelocytic, prognostic importance of immunophenotyping in adults with: the significance of the stem-cell glycoprotein CD34 (My10) (GELLER *et al*), 340
Leukaemia, acute undifferentiated, with a stem cell phenotype, clinicopathological features of (BRITO-BABAPULLE *et al*), 210
Leukaemia, adult acute myelogenous, transient spontaneous remission in a case of (SPADEA *et al*), 154
Leukaemia, B-cell chronic lymphocytic, correlation of chromosome abnormalities with laboratory features and clinical course in (OSCIER *et al*), 352
Leukaemia, chronic lymphatic, expression of the multiple drug resistance gene (mdr-1) and epitope masking in (CUMBER *et al*), 226
Leukaemia, chronic myeloid, surface expression of CD11b/CD18 of pseudo-Pelger granulocytes in (MAZZONE *et al*), 215
Leukaemia, chronic myeloid, the role of alternative splicing patterns of BCR/ABL transcripts in the generation of the blast crisis of (MORGAN *et al*), 33
Leukaemia, effectiveness of treatment and 2-year follow-up for relapse of: double-blind test of human urinary macrophage colony-stimulating factor for allogeneic and syngeneic bone marrow transplantation (MASAOKA *et al*), 501
Leukaemia following exposure to microwaves: analysis of a case report (JAUCHEM *et al*), 312
Leukaemia, juvenile chronic myelogenous: the only example of truly fetal (not fetal-like) erythropoiesis (WEINBERG *et al*), 307
Leukaemia, Philadelphia chromosome-positive chronic myelogenous, a study of prognostic factors in blast crisis of (CERVANTES *et al*), 27
Leukaemia, plasma cell, translocations involving 5q35 may also be associated with (MAYNADIE *et al*), 156
Leukaemia, prolymphocytic, splenic irradiation as primary therapy for (MUNCUNILL *et al*), 305
Leukaemia, stage A chronic lymphocytic, untreated patients, natural history of (FRENCH COOPERATIVE GROUP OF CHRONIC LYMPHOCYTIC LEUKAEMIA), 45
Leukaemia, stage A0 B-cell chronic lymphocytic, prognostic factors in (OSCIER *et al*), 348
Leukaemias, mature CD4 positive T-cell, the distribution of CD45R, CD29 and CD45RO (UCHL1) antigens in (IMAMURA), 157
Leukaemias, Philadelphia-positive acute, and chronic myelogenous leukaemia blast crises, *ABL* proteins in (PONZETTO *et al*), 39
LF61: a new monoclonal antibody directed against a trimeric molecule (150 kDa, 125 kDa, 105 kDa) associated with hairy cell leukaemia (FLENGHI *et al*), 451
Lupus anticoagulant, studies of natural anticoagulant proteins and anticardiolipin antibodies in patients with (LO *et al*), 380
Lymphoma, AIDS-associated non-Hodgkin, definition of two distinct types of (BOYLE *et al*), 506
Lymphoma, follicular, the 14;18 translocation in European cases of: comparison of Southern blotting and the polymerase chain reaction (PEZZELLA *et al*), 58
Lymphoma, non-Hodgkin's, cytogenetic analysis of 147 cases of: non-random chromosomal abnormalities and histological correlations (JUNEJA *et al*), 231
Lymphomas, non-Hodgkin's, translocation of bcl-2 gene in, in Hong Kong Chinese (LOKE *et al*), 65

'MACHO' chemotherapy for stage IV B cell lymphoma and B cell actue lymphoblastic leukaemia of childhood (HANN *et al*), 359
Mastocytosis, generalized, blood findings in: evidence of frequent simultaneous occurrence of myeloproliferative disorders (HORNY *et al*), 186
Mediterranean $\beta^0$ splice junction mutation, rapid detection of, by DNA amplification and BsaB1 mapping (BENNANI *et al*), 440
Megakaryocytes, human, isolated using a novel immunomagnetic method, identification of mRNA for PDGF B-chain in (GLADWIN *et al*), 333
Megakaryocytopoiesis and platelet production in splenectomized mice, the effect of high doses of recombinant human erythropoietin on (TSUKADA *et al*), 260
Megakaryocytopoiesis, normal human, *in vitro*, interaction of monocytes and T cells in the regulation of: role of IL-1 and IL-2 (HAMAGUCHI *et al*), 12
Methotrexate, high dose intravenous, and reversible focal neurological deficit (SAVAGE *et al*), 558
MGUS, excess of monoclonal plasma cells in, and diagnosis of early myeloma (MAJUMDAR *et al*), 441
Myelodysplastic syndrome, clonal karyotype abnormalities and clinical progress in (GEDDES *et al*), 194
Myelofibrosis secondary to myelodysplasia, deferoxamine-induced restoration of haematopoiesis in (MARSH *et al*), 148
Myeloma, aggressive multiple, with convoluted and multilobated plasma cell nuclei and no visible nucleoli, a case of (ISLAM *et al*), 306
Myeloma, multiple, alpha-2a-interferon/melphalan/prednisone versus melphalan/prednisone in previously untreated patients with (MONTUORO *et al*), 365
Myeloma, multiple, lack of reversal with verapamil of drug resistance in (MERTENS *et al*), 155

Natural killer antigens, expression of, in a subset of 'non-T, non-B lymphoma/leukaemia with histiocytic features' (GATTEI *et al*), 444

Osteoblast stimulation in multiple myeloma lacking lytic bone lesions (BATAILLE *et al*), 484
Osteosclerosis, diffuse, regression in hairy cell leukaemia after treatment with interferon (VERHOEF *et al*), 150
Oxygen transport by the blood, total circulating red cells versus haematocrit as the primary descriptor of (JONES *et al*), 288

Paroxysmal nocturnal haemoglobinuria, enhanced complement-susceptibility and dysfunction of lymphocytes in (TOMIYAMA *et al*), 540

Paroxysmal nocturnal haemoglobinuria neutrophils, deficiency of DAF and CD16 on (VEYS *et al*), 318

Patching, induction of, and its reversal on surface-activated human platelets (WHITE), 108

Peptide, abnormal tryptic, from the spectrin α-chain resulting from α- or β-chain mutations: two genetically distinct forms of the Sp $\alpha^{I/74}$ variant (LECOMTE *et al*), 406

Philadelphia chromosome positive B-cell type malignant lymphoma expressing an aberrant 190-kDa *bcr-abl* protein (MITANI *et al*), 221

Pi class glutathione S-transferase from human leukaemic cells, purification and characterization of (HALL *et al*), 494

Platelet heterogeneity and $^{111}$indium labelling: possible interpretive artefacts in survival studies (CROOK & CRAWFORD), 442

Protein C, activated, inhibition of, and its cofactor protein S by antiphospholipid antibodies (MALIA *et al*), 101

5q− syndrome, homozygous deletion of FMA in a patient with (BOULTWOOD *et al*), 310

Rh immunization by the partial D antigen of category $D^{VI a}$ (MAYNE *et al*), 537

Stomatocytosis, hereditary, aplastic crisis caused by human parvovirus in two patients with (MABIN & CHOWDHURY), 153

Thalassaemia, beta, a rapid and reliable diagnostic approach to: denaturing gradient gel electrophoresis and direct sequencing of PCR amplified genomic DNA (LOSEKOOT *et al*), 269

Transplantation, the use of unrelated marrow donors for (HOWS & BRADLEY), 1

Vimentin, the intermediate filament protein, reactivity of a human monoclonal antibody against RhD with (THORPE), 116

von Willebrand's disease, family studies in, by analysis of restriction fragment length polymorphisms and an intragenic variable number tandem repeat (VNTR) sequence (STANDEN *et al*), 242

von Willebrand factor defect in factor VIII binding, evidence for in three members of a family previously misdiagnosed mild haemophilia A and haemophilia A carriers: consequences for therapy and genetic counselling (MAZURIER *et al*), 372